**Seasons Systems Writing Prompt:**

**Name: Date: Period:**

In the space below, describe why we have seasons on Earth. Additionally, in the top diagram describe how seasons might change if the tilt of the Earth’s access was eliminated so it was straight up and down. Finally, explain how Earth’s seasons might change if it followed the elliptical orbit seen in the bottom diagram (be sure to explain how that differs from our current orbit).

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| **Systems Writing Rubric** | | | | |
| **4 Points** | **3 Points** | **2 Points** | **1 Point** | **0 Point** |
| Shows mastery of what an Earth system is; Identifies a specific example of an Earth system related to given topic and; Identifies and thoroughly explains specific interactions that occur both in the system and out of the system | Shows mastery of what an Earth system is; Identifies a specific example of an Earth system related to given topic and; Identifies and explains specific interactions that occur both in the system and out of the system; | Shows some mastery of what an Earth system is; Identifies a specific example of an Earth system related to given topic and; Identifies specific interactions that occur both in the system and out of the system; | Shows some mastery of what an Earth system is; Identifies a specific example of an Earth system related to given topic and; Partially identifies specific interactions that occur both in the system and out of the system; | Shows no mastery of what an Earth system is; Unable to or struggles to identify a specific example of an Earth system related to given topic and; Unable to or struggles to identify specific interactions that occur both in the system and out of the system; |